Name: _____ Class: _____ Date: _____

Fraction Addition and Subtraction

Example

Add $\frac{1}{3} + \frac{1}{4}$ using the Giant One.

Step 1: Multiply both $\frac{1}{3}$ and $\frac{1}{4}$ by Giant **1**s to get a common denominator. $\frac{1}{3} \cdot \boxed{\frac{4}{4}} + \frac{1}{4} \cdot \boxed{\frac{3}{3}} = \frac{4}{12} + \frac{3}{12}$

Step 2: Add the numerators of both fractions to get the answer. $\frac{4}{12} + \frac{3}{12} = \frac{7}{12}$

To summarize addition and subtraction of fractions:

1. Rename each fraction with equivalents that have a common denominator.
2. Add or subtract only the numerators, keeping the common denominator.
3. Simplify if possible.

Problems

Find each sum or difference. Use the method of your choice.

1. $\frac{1}{3} + \frac{2}{5}$
2. $\frac{1}{6} + \frac{2}{3}$
3. $\frac{3}{8} + \frac{2}{5}$
4. $\frac{1}{4} + \frac{3}{7}$
5. $\frac{2}{9} + \frac{3}{4}$
6. $\frac{5}{12} + \frac{1}{3}$
7. $\frac{4}{5} - \frac{1}{3}$
8. $\frac{3}{4} - \frac{1}{5}$
9. $\frac{7}{9} - \frac{2}{3}$
10. $\frac{3}{4} + \frac{1}{3}$
11. $\frac{5}{6} + \frac{2}{3}$
12. $\frac{7}{8} + \frac{1}{4}$